

**To:** Honorable Mayor Price and Members of the City Council

**cc:** Denis Fitzgibbons, City Attorney  
City Manager's Executive Management Team

**From:** Brenda S. Fischer, City Manager

**Date:** September 27, 2012

**RE:** Weekly City Manager Report

### **ACTIVITIES and EVENTS**

- Coffee with the Chief: October 13, 8-9 a.m. at the Library
- Community Garage Sale: November 3, 9 a.m.-1 p.m. at Pacana Park

### **COUNCIL REQUESTS AND/OR CITY COUNCIL MEETING FOLLOW-UP**

#### **Council Request Report**

The updated Council Request Report is attached.

### **GENERAL INFORMATION**

#### **August Sales Tax Report**

The August issue of Maricopa Money Matters, the City's sales tax report, is attached. In August, the City collected \$532,100 in total sales taxes, representing sales activity for July 2012. This is a decrease of 8.4% over the same month last year. The first two months of current fiscal year collections total \$1,191,200, which is slightly higher than the \$1,186,800 collected in the same time period of FY11-12. Staff will continue to monitor sales tax revenue and provide monthly updates. Please see the report for more information.

#### **Police Dispatch Services Change This Weekend**

At 6 a.m. on September 30, the City's police dispatch services change from the Pinal County Sheriff's Office to the Town of Buckeye. Other than the change in the non-emergency number, this change will be seamless for the public. The new non-emergency number will be (520) 568-3MPD (3673). There is no change in the emergency number, which is 9-1-1.

#### **New Customer Service Survey Initiative Launches October 1**

On October 1, the City will launch a new Customer Service Survey initiative. This will regularly survey customers of all departments to gauge the quality of customer service interactions. The results will be reported quarterly and used for staff training, staff performance evaluations, and future planning.

### **Significant News Regarding the Vekol Wash Hydrology for Regional Park**

Last week, it was reported that staff anticipated hearing from FEMA regarding the hydrology review, which is the first part of the review for the Vekol and Sacaton flood plain designations. The Regional Park lies within this flood plain. This week, the City received a report (attached) from FEMA, via a consultant. This report states that they have completed the initial review of the Hydrology for the City's appeal regarding the Vekol Wash Hydrology and the results look promising. This does not constitute a final or formal approval, however staff believes that this is a significant step towards procuring a flood permit from Pinal County for the Regional Park drainage design. The final determination and adoption is still on track for the end of 2013.

### **Economic Development Updates**

- The Maricopa 101 event, featuring the Police Department, was held on September 20. Topics presented to the 10 business attendees included department's organization, history, internal contacts, crime prevention, crime trends, and community involvement. A follow-up survey was sent to all participants to collect feedback. The next Maricopa 101 event is scheduled for October 24 and will feature the purchasing office and doing business with the City. Event information will focus on the procurement process, how to be added to the City's vendor list, receiving bid notices, and the evaluation process. This session is intended to help businesses understand how to provide goods and services to the City. Anyone interested in attending can RSVP online via the Economic Development Department's page on the City's website.
- Staff is excited to increase involvement and collaboration with the Maricopa Chamber of Commerce by regularly attending Chamber committee meetings and events. New opportunities to collaborate and provide services to the Maricopa business community are being identified and explored.
- Last week, Mayor Price, Councilmember Brown and Economic Development Director Micah Miranda attended the International Council of Shopping Centers (ICSC) Western Division Conference, one of the largest retail and shopping center development conferences on the West coast. Dozens of western cities were represented at the conference, including eight high growth municipalities from Arizona: Buckeye, Casa Grande, Chandler, Glendale, Goodyear, Peoria, Queen Creek and Wickenburg. A memo detailing activities and information garnered during this effort is attached.

### **City Receives First Pawn Shop Business License Application**

Attached, please find a memo from Mr. Miranda regarding the receipt of the first business license application for a pawn shop. Pawn shop business licenses are different from traditional business licenses with some requirements (such as background checks) required by state law. Staff is researching this further, including changes that will need to be made to Chapter 8 of the City Code. I will keep you apprised of staff's research and any potential action by the City Council.

### **Global Water Memorandum of Understanding (MOU) Task Force**

I asked Assistant City Manager Casey to begin discussions with Global Water executives to establish a formal MOU Task Force that will include a small number of City staff and Global Water staff representatives. The purpose of this team is to ensure the elements of the MOU are on track, that communications are active, and to progress creative ideas for the utilization of the GIS and software resources available to the City via Global Water's FATHOM system as an element of the MOU. It is anticipated that this group will meet on a bi-monthly basis.

### **City Website Enhancements**

Please see the attached memo for a number of new, exciting website enhancements launched this week. They include a new Customer Service Survey, Maricopa20 Video Player, and the online portal for the City Complex Webcam with images uploading in real-time. On a related note, due to scheduling conflicts, the Website Redesign Committee meeting has been rescheduled to October 18 from 5:30-7:30 p.m. The committee will review the new website and provide their feedback.

### **City Hall and Police Station Construction Update**

Okland Construction's Weekly Activity Report is attached. The public may track the progress of this project on the "Construction Updates" section of the City's website.

### **Multigenerational/Aquatic Center Update**

The construction drawings are being reviewed as part of the permitting process. The Guaranteed Maximum Price (GMP) for construction contract is scheduled for City Council consideration in November.

### **Regional Park/Sports Complex Update**

The grading and drainage design for the full park has been submitted for review and permitting. The project's construction cost and contract execution will be split into two GMP contract amendments. This allows mass grading of the site to begin, and preparation of the multigenerational/aquatic facility building pad prior to finalizing the complete design of the park/sports complex amenities. The first GMP is scheduled for City Council consideration at the October 16 Council meeting.

### **Lexington Park Update**

Staff is inviting residents who live near the new Lexington Park to the Heritage District Committee meeting on October 11 to discuss and provide feedback about the park.

### **Chief Donald N. Pearce Fire Station Update**

The Design-Build contractor has completed the subcontractor bidding process, allowing the contractor to finalize the GMP for construction. This item is scheduled for the October 2 City Council meeting for consideration.

### **Fire Station 572 Update**

CORE Construction's Weekly Construction Update is attached.

### **Community Project Updates**

- Aaron's, a lease-to-own store, has obtained its building permit and is ready to begin construction. It will be located at Edison Place, the same center as Big O Tire.
- The first review for Fast & Friendly Car Wash was completed on August 27. The updated elevations were presented to the Heritage District on September 13 and recommended for approval. The second submittal is being prepared by the applicant and is anticipated to be submitted in the next two weeks.

### **Wireless Communications Facilities Ordinance**

Staff presented the fourth draft of the Wireless Communication Facilities (WCF) ordinance to the Planning and Zoning Commission at their September 24 meeting. Although the draft ordinance was scheduled for action, the Commission opted to table this item to allow the three newly-appointed Commissioners time to review the ordinance. The public and the industry will continue to have opportunities to participate in this process. The goal is to have the proposed ordinance fully vetted before it is presented to Council for a Public Hearing and Discussion on October 16, and action in November. The entire text is available on the City's website.

### **Parks and Recreation News**

- Pacana Park: Landscaping maintenance in and around Pacana Park will be complete this week in preparation for Stagecoach Days. Aeration will occur this week, along with the last fertilization for this season. Staff is preparing the overseed project and sod replacements.
- The City has partnered with Sequoia Pathway Academy's PTO to offer Friday Open Gym once a month in their gymnasium. This offers a multitude of fun activities for the youth to participate in. The first event is September 28, 5-8 p.m. Attendance is free.
- Registration for youth flag football began September 24 and continues through November 9.

### **Library Happenings**

- The race to the Library's one-millionth checkout continues with less than 50,000 checkouts to go to reach that milestone. The latest count is 962,378.
- The Library is collaborating with Maricopa High School to promote and conduct a celebration of writing for "National Novel Writing Month" in November. The kick-off is November 1, 2:30-8:00 p.m. at the Maricopa High School Library.
- In October, the library will have a pumpkin decoration contest and the staff will dress up for Halloween on October 31.
- The Maricopa Historical Society is holding its monthly meeting in the Library on Monday, October 1, 5:00-6:30 p.m.

**Fire Department Personnel Deployed**

On September 23, Firefighter Brad Pitassi was deployed to the Wenatchee Complex Fire near Wenatchee, WA (approximately 100 miles east of Seattle). Over 100 small fires that started during the storm burned together to form a few large fires. The largest fire is more than 45,000 acres. Evacuations are currently in effect in the surrounding communities. Firefighter Pitassi will be assigned to the Southwest Area Incident Management Team, one of three Type 1 incident management teams assigned to the incident. We are looking forward to his safe return on or before October 11. All costs for Firefighter Pitassi's deployment are recovered from the Arizona State Forestry Division and FEMA.

Respectfully Submitted,



Brenda S. Fischer, ICMA-CM  
City Manager

## City Council Member Requests and Projects Status Report

Council Request Report, September 27, 2012						
Date	Requested By	Project	Description	Status	Next Action	Staff Contact
10/18/2011	Council	Cell Tower Zoning	Response to Cell Tower zoning questions and updates to our zoning code	In Progress	Staff presented the Wireless Communication Facilities Ordinance (TXT11-01)- (Cell Towers) to P&Z on September 24. They had a good discussion but because we have just seated three new P&Z Commissioners, they asked for time to review the project before they vote. It will be presented to the P&Z again on Oct 8. City Council will hold a public hearing and hear a presentation from staff on Oct. 16. It is tentatively scheduled for Council action on Nov. 6.	Billingsley
12/7/2011	Diedrich	Entry Monument Plan	Request for entry monuments at major entries to the City; update City codes; create design standards	In Progress	A update on the City entrance monument signage will be presented to Council at the November 6 Council meeting.	Billingsley/Casey
4/27/2012	City Council	Council Financial Policies	Financial policy for Council consideration regarding limiting % of operating budget that can be allocated to debt service	In Progress	Staff will bring this forward draft policies to the Budget, Finance and Operations Sub-Committee on October 18.	Duensing
4/27/2012	City Council	Council Financial Policies	Financial policy for Council consideration regarding how the City manages investment income and utilizing investment advisory services	In Progress	Staff will bring this forward draft policies to the Budget, Finance and Operations Sub-Committee on October 18.	Duensing
4/27/2012	City Council	Council Financial Policies	Financial policy for Council consideration regarding what to do with funds remaining at the end of each fiscal year	In Progress	Staff will bring this forward draft policies to the Budget, Finance and Operations Sub-Committee on October 18.	Duensing
6/13/2012	Gusse	Bicycle Donations	Requesting the City investigate the possibility of donating unclaimed bicycles to a charity to be distributed to eligible children	In Progress	Staff will ask Council to create a Bicycle Adoption Program at the October 2 Council meeting.	Stahl, Duensing, Jepson
6/15/2012	Gusse	Back to School Bicycle Rodeo	Requesting the City co-sponsor a back to school Bicycle Rodeo with the Maricopa Optimist Club	In Progress	The timing on this will be dependent on the outcome of the bicycle donation program at the Oct 2 meeting.	Jepson
6/26/2012	Brown	Black History Month	Request for examples of what other cities are doing for Black History Month	In Progress	Staff will prepare a presentation for an upcoming Council work session.	Jepson
7/9/2012	Kimball	New Citizens	Options for the City of Maricopa to publicly recognize residents of Maricopa who have recently earned US Citizenship	In Progress	Staff will prepare a memo for the Oct. 4 City Managers Report discussing possible ways Maricopa can celebrate residents who have recently been granted US Citizenship .	Jepson
9/3/2012	Gusse	Veterans Town Hall	Veterans Town Hall to offer support structures to Maricopa Veterans	In Progress	Staff will reach out to partner with CAC based on Mesa Community College Model.	Jepson
9/4/2012	Kimball	Traffic Information	Request for signal warrant analysis and updated traffic counts for the intersection of Honeycutt and Glennwilde	In Progress	Staff will provide requested information in the form of a memo to be included in the Oct. 4 City Manager's Report.	Billingsley
6/19/2012	Brown	School Zones	Question on how the City approaches the placing of School Zones on arterial streets	Completed 8-23-2012	A memo on this subject was provided to Council as part of the August 23 City Manager's Weekly Report .	Billingsley

## City Council Member Requests and Projects Status Report

Date	Requested By	Project	Description	Status	Next Action	Staff Contact
9/3/2012	Gusse	Hispanic Heritage Month	Recognition of Hispanic Heritage Month	<b>Completed 9-18-2012</b>	At the September 18 Council meeting, the Mayor will read a proclamation supporting Hispanic Heritage Month and City will hold a short reception in MUSD foyer during break in meeting.	Jepson



# Maricopa Money Matters

AUGUST SALES TAX COLLECTION REPORT

FY12-13

## HIGHLIGHTS

- ◇ Sales tax collections for the first two months of the fiscal year did not see significant growth or decline when compared to the prior three fiscal years.
- ◇ For the first two months of FY12-13, collections of non-construction sales tax show a slight year-over-year decline of \$51,700.

## SALES TAX COLLECTIONS

Sales tax collections for each month represent taxable sales activities from the prior month. For example, sales taxes collected for the month of August 2012 reflect sales tax activities for the month of July 2012. Therefore, the two months sales tax collections in this report represent sales tax activities for June 2012 and July 2012.

## CITY COUNCIL

Christian Price, Mayor  
Edward Farrell, Vice-Mayor  
Councilmembers:  
Marvin L. Brown  
Julia R. Gusse  
Bridger Kimball  
Alan Marchione  
Leon Potter

## CONTACT US

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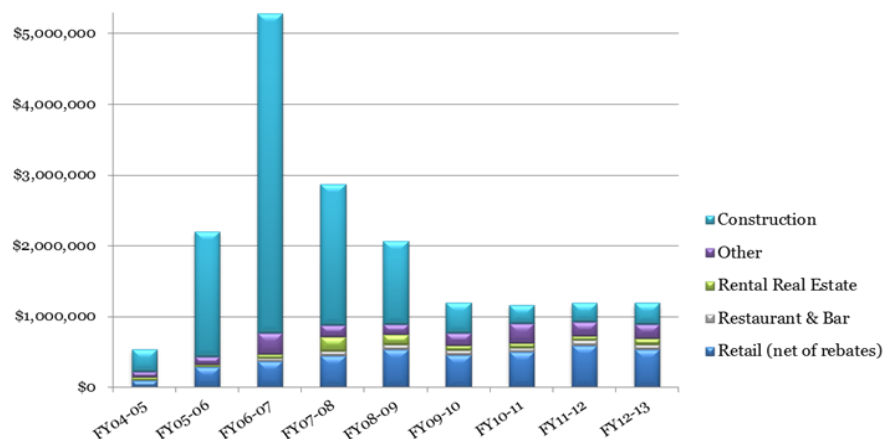
Hours of operation:  
Monday through Thursday  
7:00 A.M. to 6:00 P.M.  
Closed Friday

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www.maricopa-az.gov

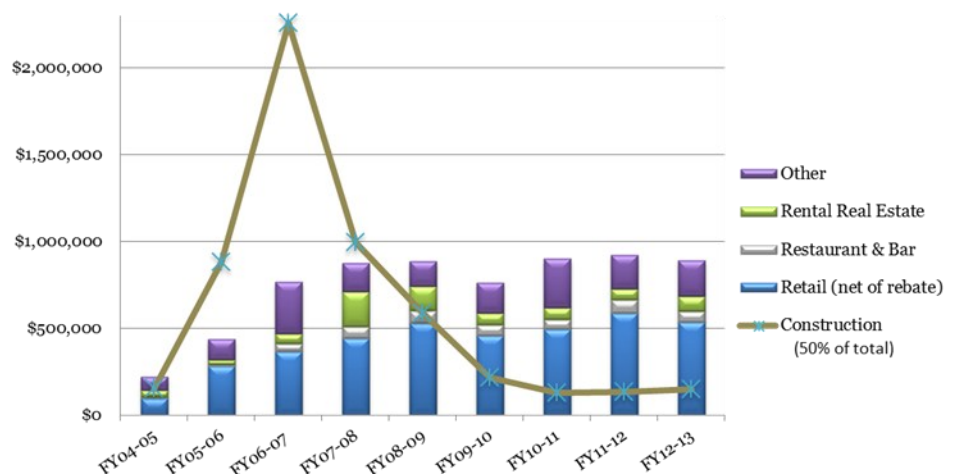
## FY12-13 Sales Tax Collections

The City of Maricopa collected \$532,100 in total sales taxes in the month of August 2012, the second month of FY12-13. This represents sales activity for July 2012. When compared to the same month last year (August 2011 collections, July 2011 sales), \$532,100 represents a decrease of 8.4%, or \$44,500. The *YTD Sales Tax Collections* graph below displays FY12-13 year-to-date (YTD) sales tax revenue and provides a comparison to sales tax revenue collected by the City in the first two months of fiscal years FY04-05 through FY 11-12. The first two months of current fiscal year collections total \$1,191,200 as compared to \$1,186,800 for the first two months of FY11-12. It is difficult to revise FY12-13 revenue projections at this point with only two months of data. Staff is will continue to monitor sales tax revenue and provide monthly updates.

YTD Sales Tax Collections (Net of Rebates)



General Fund Sales Tax (Net of Rebates)



One-half of construction sales tax provides funding for General Fund (GF) operations and one-half provides funding for general governmental capital projects. The *General Fund Sales Tax* graph displays the 50% used for GF operations.





September 25, 2012

**MEMORANDUM FOR:** City of Maricopa, Pinal County, Arizona

**FROM:** Will Thomas, BakerAECOM

**SUBJECT:** Review of hydrologic analyses for three appeals in City of Maricopa, Pinal County, Arizona  
FEMA Project # 09-09-3051S

#### **Background**

BakerAECOM completed flood insurance studies for three watersheds in Pinal County, Arizona in December 2011. The three watersheds and the hydrologic methods used by BakerAECOM are:

- Vekol Wash Tributary – HEC-1 model developed by HDR for the City of Maricopa Master Drainage Study and Plan,
- Sacaton Tributary – USGS regression equations (Roeske, 1978),
- Southside Canal #1 and #2 – USGS regression equations (Roeske, 1978).

The hydrologic analyses by BakerAECOM are documented in a January 2011 report titled “FEMA Region IX, Hydrologic Analyses Pinal County, Arizona”.

The hydrologic analyses were appealed for all three watershed studies noted above. The following reports were submitted to FEMA in support of the appeals:

- City of Maricopa, Vekol Wash Tributary Floodplain Delineation Study, Pinal County, Arizona, Technical Data Notebook, August 2012 by Wood, Patel & Associates, Inc.,
- Vekol Wash Tributary Hydrology Update Report, October 2011 by Wood, Patel & Associates, Inc.,
- Report of Appeal For Sacaton/Casa Blanca Canal Watershed, August 3, 2012 by Cardno,
- Report of Appeal for Southside Watersheds, July 2012 by EPS Group, Inc.

The hydrologic analyses submitted by the three appellants were reviewed and the 1-percent chance flood discharges were compared to gaging station data and the Roeske (1978) regression equation as used by BakerAECOM. The gaging station watershed characteristics and 1-percent chance discharges are given in Table 1.

The gaging stations are in Pinal County or adjacent counties. The stations selected for analysis have mean annual precipitation of 10.5 inches or less, mean basin elevation of 2,800 feet or less, and drainage areas ranging from 0.51 to 420 square miles. These stations have similar watershed characteristics to Vekol Wash Tributary, Sacaton Tributary and the Southside Canals. The record lengths of the gaging stations range from 13 to 44 years. Flood frequency analyses were updated through the 2011 water year if data were available using Bulletin 17B, "Guidelines For Determining Flood Flow Frequency".

Table 1. Watershed characteristics and the 1-percent chance discharges for gaging stations in or near Pinal County, Arizona.

Station Number	Years of Record	Drainage Area (mi <sup>2</sup> )	Elevation (ft)	Precipitation (inches)	1-percent chance discharge (cfs)
09479200	19	0.51	1,760	10.5	448
09487400	13	2.44	2,800	10.1	1,250
09488600	13	12.8	1,620	8.5	3,500
09514200	44	420	1,570	9.2	11,500
09517200	37	2.79	2,480	8.0	1,150
09517280	38	85.2	2,590	9.6	12,000
09517400	31	47.8	1,630	9.1	3,650
09519600	39	2.43	950	8.2	1,540
09519750	36	68.8	1,900	8.5	7,480
09519760	38	106	1,980	8.2	7,340
09520110	16	0.44	1,760	8.1	381
09520130	16	4.72	1,920	8.1	2,370
09520160	15	2.18	2,100	8.1	1,580
09520170	14	243	1,950	8.4	11,800
09520230	36	1.49	1,280	6.6	1,590
09520300	29	0.90	2,040	9.7	656

### Vekol Wash Tributary Appeal

The 1-percent chance discharges for the gaging stations in Table 1 are plotted in Figure 1 along with the discharges developed by HDR for **Vekol Wash Tributary** for the City of Maricopa Master Drainage Study and Plan. These discharges are documented in a Technical Memorandum by HDR dated August 2009. BakerAECOM used the discharges from the 2009 HDR report for the Vekol Wash Tributary because they were the best available data at the beginning of the Vekol Wash Tributary study. The City of Maricopa provided BakerAECOM the HDR report.

Also plotted in Figure 1 are the 1-percent chance discharges for Vekol Wash Tributary developed by Wood-Patel in their October 2011 report and summarized in their August 2012 appeal report. The 1-

percent chance discharges for Vekol Wash Tributary are regulated or controlled to a certain extent by several features in the watershed:

- Maricopa-Stanfield Irrigation and Drainage District (MSIDD) Canal that crosses the watershed from southeast to northwest. There are several overchutes over the canal and siphons under the canal but the embankments along the canal attenuate and store the floodwaters.
- At and just downstream of the MSIDD Canal at the eastern edge of the watershed, significant discharge leaves the watershed and flows into the Santa Rosa Wash watershed.
- In the lower part of the watershed but upstream of Steen Road, there are 10-12 miles of agricultural field conveyances that attenuate the discharges, and
- Near Steen Road in the lower part of the watershed, Smith Wash diverts significant discharge to the west that flows around the City of Maricopa.

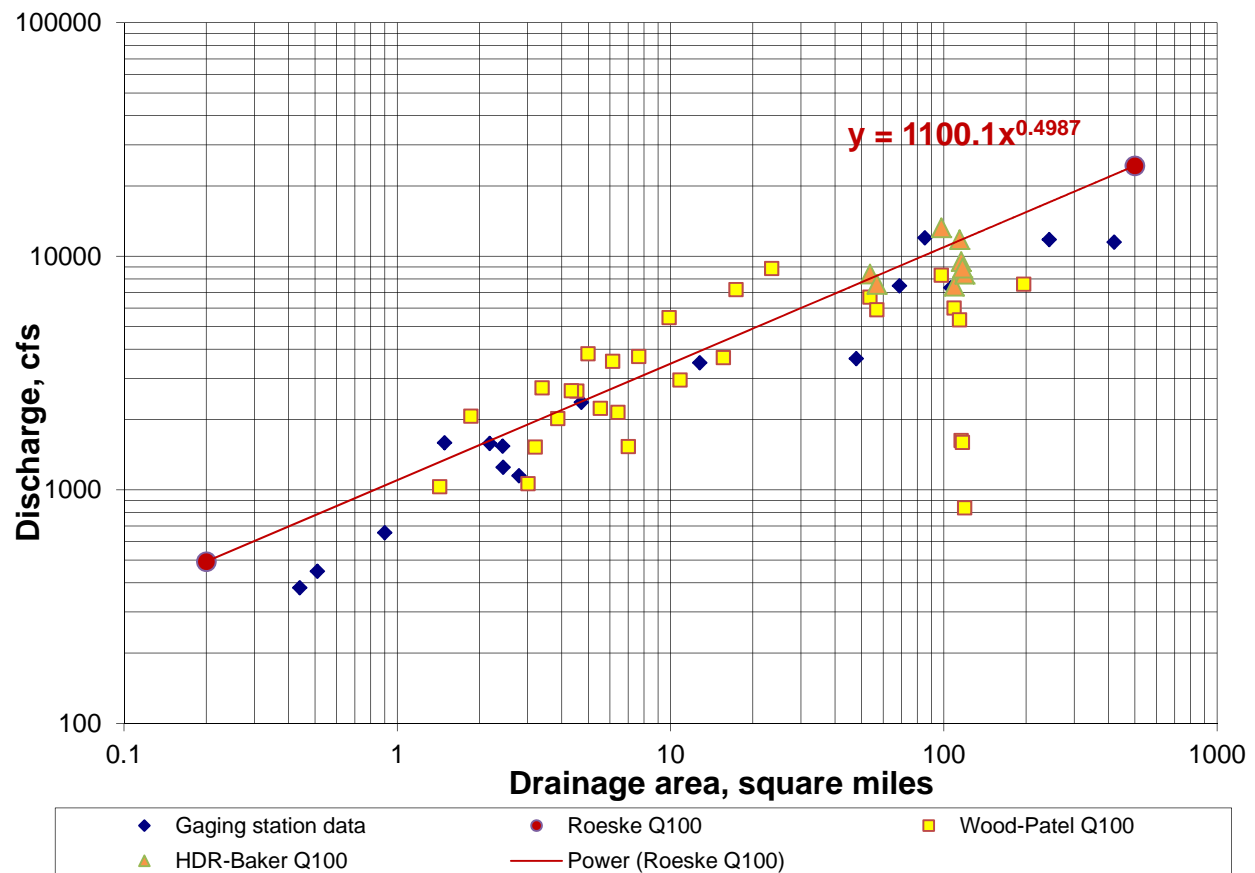


Figure 1. Comparison of 1-percent chance discharges from the Wood-Patel appeal compared to regression estimates from Roeske (1978), gaging station data and HEC-1 discharges developed by HDR and used by BakerAECOM in the December 2011 Flood Insurance Study.

The Wood-Patel 1-percent chance discharges plotted in Figure 1 for drainage areas less than 30 square miles are for watersheds upstream of the MSIDD Canal and those discharges for drainage areas greater than 50 square miles are for concentration points downstream of the canal. The HDR discharges upstream of the canal are not plotted because they are the same as the Wood-Patel discharges. Wood-Patel revised the HEC-1 model developed by HDR by routing the flows through the MSIDD Canal and other storage features in the watershed. However, Wood-Patel did not revise the HDR discharges upstream of the canal.

The gaging station 1-percent chance discharges in Figure 1 are generally less than the Roeske (1978) regression equation because the station data are from watersheds with lower mean annual precipitation (equal to or less than 10.5 inches) than the larger region used for Roeske's equation. As noted in Figure 1, the Wood-Patel discharges upstream of the MSIDD Canal tend to be higher than the gaging station estimates. This may be related to the steep channel slopes for the subwatersheds of Vekol Wash Tributary upstream of the canal that are steeper than those for the gaged watersheds. Downstream of the canal (drainage areas greater than 50 square miles), the Wood-Patel discharges are reasonably consistent with the gaging station estimates. The reduction in Wood-Patel discharges in a downstream direction is related to the attenuation in discharges due to storage behind the MSIDD Canal and diversions to Santa Rosa Wash. This is further illustrated by comparison of the Wood-Patel discharges to the Roeske (1978) regression equation. Upstream of the canal, the Wood-Patel discharges are reasonably consistent with the regression equation but downstream of the canal, the Wood-Patel discharges are less than the regression equation.

The comparisons in Figure 1 are made primarily to determine if the discharges upstream of the canal are reasonable because they are not affected by storage and attenuation behind the MSIDD Canal. As discussed above, the Wood-Patel discharges downstream of the canal are reasonably consistent with the gaging station estimates even with the effect of the canal. Therefore, the canal does not seem to have a major impact on the 1-percent chance discharges.

However, downstream of Steen Road, where the drainage area is 114 square miles, the Wood-Patel 1-percent chance discharges decrease dramatically due to the Smith Wash diversion to the west (see Figure 1). The diversion through Smith Wash flows west and north around the City of Maricopa and therefore the discharges are significantly reduced compared to the discharges used by BakerAECOM for the floodplain mapping. The diversion through Smith Wash joins the discharge flowing through the City of Maricopa north and west of the city and the total discharge at the confluence with Vekol Wash is 7,600 cfs at 196 square miles (see Figure 1).

**In summary, the Wood-Patel 1-percent chance discharges summarized in Table 2 of their August 2012 appeal report are reasonable and can be used in the hydraulic analysis for the revised floodplain mapping and preparation of a Revised Preliminary FIRM.** The significant reductions in 1-percent chance discharge (from the Preliminary FIRM and FIS) through the City of Maricopa for the Wood-Patel appeal are based on:

- Attenuation and storage of discharge behind the MSIDD Canal,
- Diversion of discharge to the Santa Rosa Wash watershed,
- Attenuation of discharge through agricultural field conveyances, and
- Diversion of discharge through Smith Wash west and north around the City of Maricopa.

The storage and routing computations performed by Wood-Patel are based on hydraulic data collected through field visits and measurements. The conclusion is that the Wood-Patel 1-percent discharges are more reasonable than discharges used by BakerAECOM in preparing the Preliminary FIRM dated December 2, 2011 and therefore can be used in preparing a Revised Preliminary FIRM and FIS.

### **Sacaton Tributary Appeal**

BakerAECOM used Roeske's (1978) regression equation to estimate the 1-percent chance discharge for Sacaton Tributary. Roeske's (1978) equation was used in lieu of the more recent regression equation in USGS Water-Supply Paper 2433 (Region 13) because Roeske's equation was considered more applicable for streams in this area (based on discussions with the City of Maricopa and their consultants). As documented in BakerAECOM's January 2011 hydrology report, the 1-percent chance discharge for Sacaton Tributary was 2,480 cfs for the 5.10-square-mile watershed.

The engineering firm, Cardno, performed a HEC-1 analysis for Sacaton Tributary and submitted this hydrologic analysis as an appeal in an August 3, 2012 report. The Cardno HEC-1 analysis yielded a 1-percent chance discharge of 1,680 cfs for a drainage area of 4.99 square miles (slightly different drainage area from the BakerAECOM analysis). In Figure 2, the Cardno 1-percent chance discharge is compared to gaging station estimates (from Table 1), BakerAECOM estimate of 2,480 cfs and Roeske's equation (which is the basis for the BakerAECOM estimate).

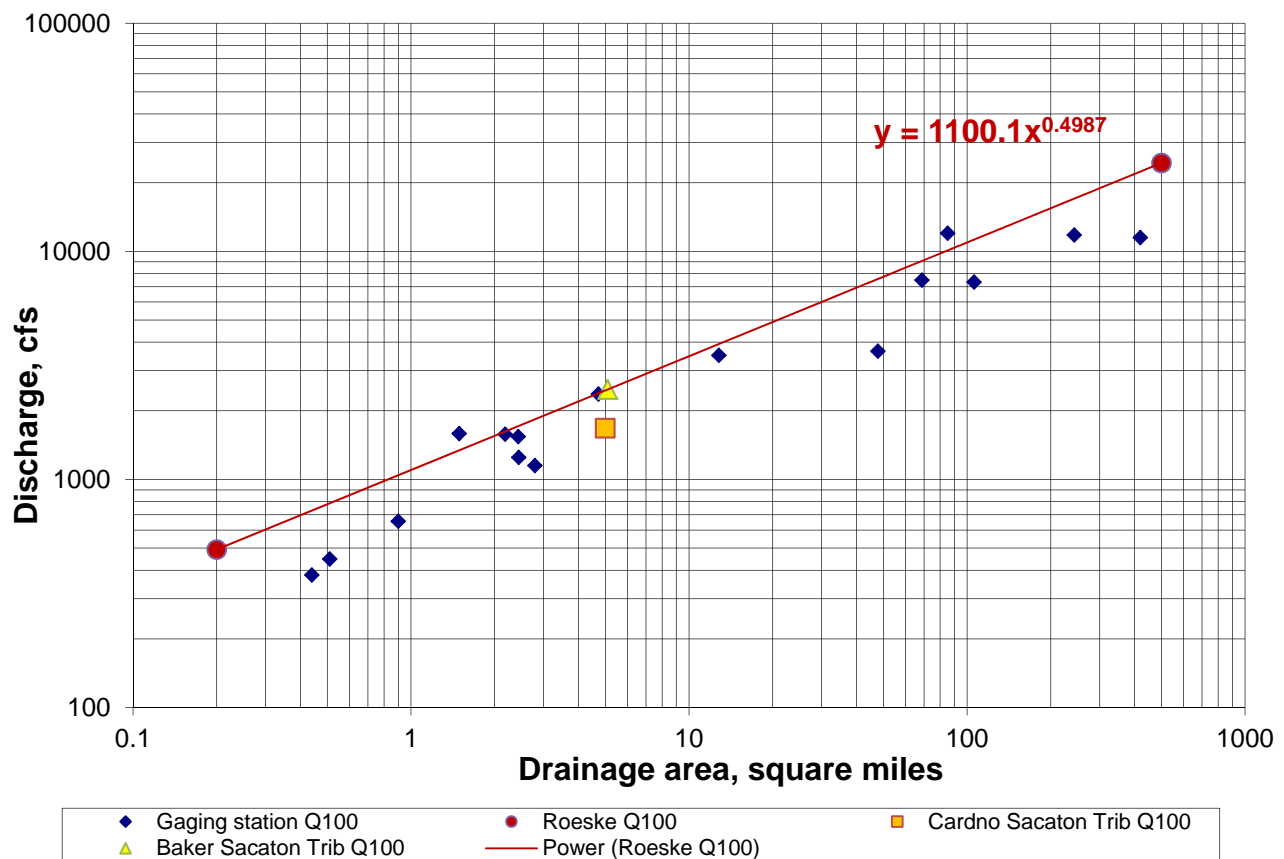


Figure 2. Comparison of 1-percent chance discharges from the Cardno appeal compared to regression estimates from Roeske (1978), gaging station data and discharges developed by BakerAECOM in the December 2011 Flood Insurance Study.

A smooth curve drawn through the gaging station data in Figure 2 would yield about 2,000 cfs for a drainage area of 5 square miles. Therefore, both the BakerAECOM 1-percent chance estimate of 2,480 cfs for 5.10 square miles and the Cardno estimate of 1,680 cfs for 4.99 square miles are reasonable. However, as noted in Figure 2, the updated gaging station 1-percent chance discharges tend to be less than the Roeske regression equation. Therefore, the Cardno estimate is considered slightly more reasonable and is based on a more rigorous analysis. **The recommendation is to use the Cardno 1-percent chance estimate of 1,680 cfs for preparation of a Revised Preliminary FIRM and FIS.**



## Southside Canal #1 and #2 Appeals

BakerAECOM used Roeske's (1978) regression equation to estimate the 1-percent chance discharge for Southside Canal #1 and #2. BakerAECOM estimated the following 1-percent chance discharges:

- Southside Canal #1 – 1,620 cfs for 2.18 square miles, and
- Southside Canal #2 – 6,890 cfs for 39.57 square miles.

EPS Group, Inc. (EPS) submitted a revised hydrologic analysis in support of an appeal based on a HEC-HMS model. The EPS report, dated July 2012, indicated that the HEC-HMS model was based on:

- NOAA Atlas 14 rainfall depths – the upper 90 percent confidence limit rainfall was used which is not recommended. However, the rainfall depths were not unreasonable due to limited range in confidence limits of NOAA Atlas rainfall.
- Rainfall losses based on the Green and Ampt Method.
- Clark unit hydrograph with Tc and R estimated by the Arizona DOT Highway Drainage Manual.
- Muskingum-Cunge routing method.

The EPS 1-percent chance discharges are compared in Figure 3 with gaging station estimates, Roeske's 1978 regression equation and estimates used by BakerAECOM in the December 2, 2011 Preliminary FIRM. The EPS 1-percent chance discharges are reasonably consistent with the updated gaging station estimates with the exception of four small watersheds between 0.5 and 0.9 square mile (see Figure 3). The discharges for these small watersheds are low due very long times of concentration. The times of concentrations for these small watersheds ranged from 2.94 to 3.57 hours due to very flat channel slopes.

As noted in Figure 3, the discharge for Southside Canal #2 for drainage areas of 12 to 34 square miles is decreasing slightly. This appears to be related to attenuation related to channel storage. At about 35 square miles, the discharge decreases more dramatically due to diversions in the vicinity of Steen Road and the East Main Irrigation Canal.

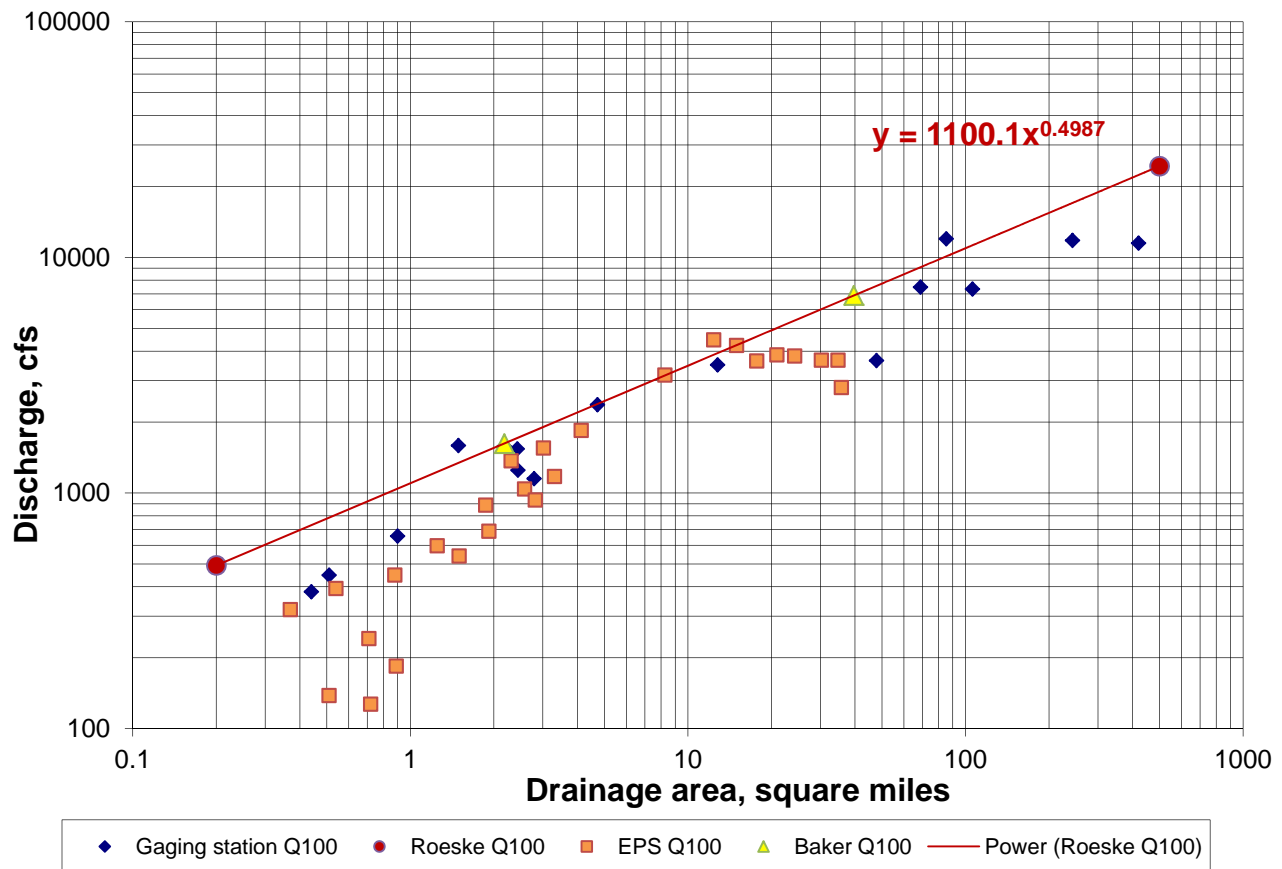


Figure 3. Comparison of 1-percent chance discharges from the EPS appeal compared to regression estimates from Roeske (1978), gaging station data and discharges developed by BakerAECOM in the December 2011 Flood Insurance Study.

The EPS 1-percent chance discharges submitted in support of the appeal are reasonable. The 1-percent chance discharges tend to be lower than the updated gaging station estimates but this is attributed to attenuation in peak discharges due to storage and diversions in the lower reach of Southside Canal #2 as it enters the City of Maricopa. The very low 1-percent chance discharges for four small watersheds is attributed to flat channel slopes and long times of concentration. The EPS discharges consider storage and attenuation in the floodplain and diversions or split flows and are considered more reasonable than the 1-percent chance discharges used originally by BakerAECOM. **The EPS 1-percent chance discharges can be used in preparing a Revised Preliminary FIRM and FIS.**

**MEMO**

**Economic Development**

**SUBJECT:** International Council of Shopping Centers Western Division Conference  
**TO:** Honorable Mayor Price and members of the City Council;  
City Manager Fischer  
**THROUGH:** Ms. Danielle Casey, Assistant City Manager  
**FROM:** Mr. Micah Miranda, Economic Development Director

September 19 - 21, 2012, Mayor Price, Councilmember Brown and Economic Development Director Miranda attended the International Council of Shopping Centers (ICSC) Western Division Conference, one of the largest retail and shopping center development conferences on the west coast. Dozens of western cities were represented at the conference including eight high growth municipalities from Arizona: Buckeye, Casa Grande, Chandler, Glendale, Goodyear, Peoria, Queen Creek and Wickenburg.

Prior to the conference Economic Development staff scheduled 15 meetings with retailers, developers and corporate real estate sites selectors who were present at the conference or who operate in the San Diego market. The goal of these meetings was to educate, develop relationships and position Maricopa as a desirable market for future private sector capital investment.

Specific reoccurring areas of interest to prospective developers and retailers included:

- Geography; many of the groups we met with thought Maricopa is over an hour drive time from Phoenix.
- Housing growth; retailers and developers need to see additional housing starts to justify future investment.
- Population; retailers feel that our population (45,000) is both a future opportunity and immediate challenge.
- Educational attainment; the high educational attainment levels of our residents is very impressive.
- Retail sales leakage; a strong majority of the groups we met with were surprised by the amount of sales occurring outside of the community.
- Site opportunities; retailers are excited about the site opportunities afforded by Maricopa Market Place and Sonoran Creek.

Economic Development Staff will be following up on prospective leads, developing relationships and providing community tours to real estate professionals as a result of our participation at ICSC Western Division Conference.



## MEMO

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**To:** Ms. Danielle Casey, Assistant City Manager  
**From:** Mr. Micah Miranda, Economic Development Director  
**Date:** September 25, 2012  
**RE:** Pawn Shop Business Activities

### SUMMARY

On Tuesday, September 18, staff received an email from the Pinal County Sheriff's Office concerning a pawn shop that intended to open in Maricopa's jurisdiction. It was found that a pawn shop business had submitted a business license application and permit requests. The applicant was contacted to ascertain the exact nature of his business and confirm that pawn license would be required. The proposed business would purchase and offer secured loans on gold and jewelry; a pawn license is necessary per state statute.

On Monday, September 24, city staff met with the Pinal County Sheriff's Office to discuss the processing of pawn licenses as the County Sheriff has designated this authority to municipalities.

As this is the first time the City has had to license a pawn shop no internal process has been established to issue a pawn license. The issuance of a pawn license is distinctly different from a traditional business license as it requires a background investigation per state law and its operations are traditionally regulated via zoning restrictions.

Staff is currently researching an immediate solution to the request for licensing and has also begun evaluating revisions to changes to Chapter 8 of City Code.

## MEMO

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**To:** Danielle Casey, Assistant City Manager  
**From:** Ruben Garcia, Media Specialist  
**Subject:** Images of New Website Updates  
**Date:** September 26, 2012  
**CC:** Brenda Fischer, City Manager

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As you are aware, on July 1, 2012, the City launched a new initiative, called “City Hall 24/7” that includes a focused effort to develop new ways for residents to access information and services online, 24/7, from all City departments. This initiative was launched in conjunction with the redevelopment of the City website and the start of a 4/10 pilot program offering extended service hours at City Hall. This week, several enhancements were made to the City website to increase ease of use and information available to the public.

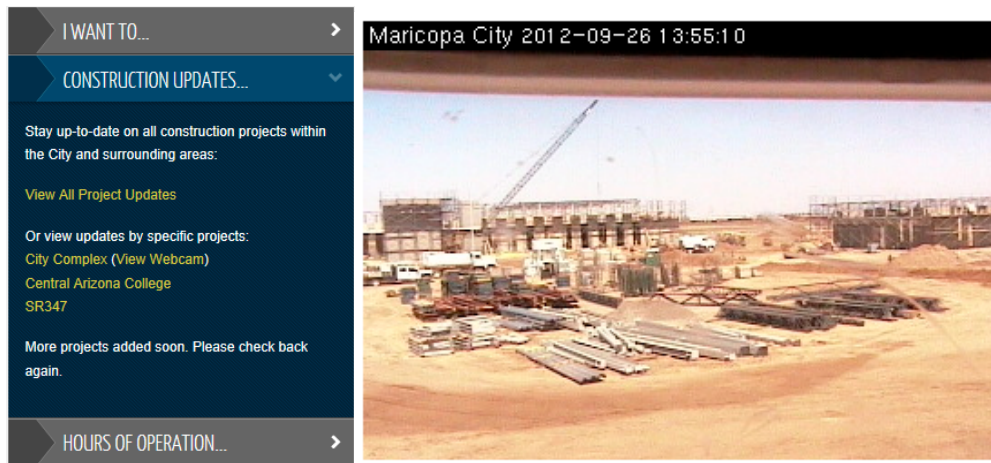
1. Enhancement #1: A new Maricopa20 Video Player allows for easy and quick access to Maricopa20 Programming Content, including LIVE TV feed and Business Beat episodes. Future additions will include Council Meeting archives and other promotional materials. To view this new player, visit <http://www.maricopa-az.gov/web/government-tv> and click the ‘launch player’ button. Sample screenshot:



2. Enhancement #2: New City Complex Webcam allows for near-real time (image updated every 5 seconds) view of the construction site. To view this, click on the toolbar as seen below and then on the link that says ‘view webcam.’ Sample screenshots:







3. Enhancement #3: A new Customer Service Survey now available online allows customers who recently interacted with city staff to provide feedback to help the City develop top quality processes and procedures. In addition, individual and cumulative results of survey responses will be utilized for staff training, staff performance evaluations, and future planning. The Customer Service Survey can be accessed via <http://cssurvey.maricopa-az.gov> on our homepage at Home > Customer Service Survey:



Finally, below is a list of additional enhancements that you can look forward to throughout the remainder of the year, and potentially in future fiscal years:

<b>Service</b>	<b>Estimated Launch</b>
Enhanced Community Services Class Registration (online pay)	October 2012
Community Services Field Reservation and Adult Sports	October 2012
Online submittal options for various City forms	November 2012
Legislation tracking page	November 2012
Adding job descriptions for all City classifications online	December 2012
Key sections of City Website translated to Spanish	February 2013
Opportunities to pay for City permits and licenses online	January 2013
Online plan submittals for Development Services	May 2013
Renewal of and payment for business licenses	FY13-14
Online plans submittal for development services	FY13-14
Interactive Zoning Code	FY13-14





[illegible]

### Past Week - Activities/Issues

Backfilled sewer manholes at White and Parker	9/17/12
Poured last strip of continuous footing in Police Station	9/17/12
Installed columns and joist in City Hall	9/17-20/12
Installed site water along east and north sides of City Hall	9/17-21/12
Brought east, west, and south wall of Police Station up to 8 feet	9/17-21/12
Excavated City Hall exterior footings	9/18-20/12
Bored across White and Parker	9/19-21/12
Poured slab on grade in Police Station detention area	9/19/12
Received door frame delivery	9/19/12
Brought north wall up to 12 feet	9/19-20/12
Trenched for conduit from White and Parker up to City Hall	9/20-21/12

### Upcoming Week - Activities/Issues

Pour exterior footings on City Hall	9/24/12
Run power/data/communication lines from White and Parker to City Hall	9/24-26/12
Continue setting steel in City Hall	9/24-28/12
Run water line to White and Parker	9/24-28/12
Start bringing up interior CMU walls in Police detention area	9/24-28/12
Bring up remainder of Police Station to 12' and north wall to 16'	9/24-28/12

### Safety

Temporary Construction Fencing Installed
Installed Caps on Vertical Rebar
Installed Swale Berms at Sewer Excavation to keep run-off from filling excavation
Flagged Excavation Trench with Red Caution Tape and Installed More Temp Fence Around this Area

### Environment

Dust Permit in Place
Storm Water Permit In Place
Construction Water Meter Set
Water Trucks are Applying Water to Site to knock down dust

Contractor	Trade	Labor Performed	Manpower
Okland Construction	Construction Manager	Project Oversight/Concrete	5
Lemme Engineering	Surveyor	Project Staking	2
Cisco	Excavator / Site Sewer	Digging Foundation Footings	6
DP Electric	Electrician	Running Underground Conduit	3
Sun Valley	Masons	Setting Police Walls	15
Schuff Steel	Steel Erectors	Setting steel in City Hall	10
HACI Mechanical	Plumbing	Underground Plumbing Rough	3
Harris Rebar	Concrete Reinforcing	Tide rebar in Police SOG	3



Second Level Steel Joist in City Hall



Pouring Slab on Grade in Police Station Detention Area





Boring Underneath White and Parker



Running Site Water Line on East Side of City Hall



09/17/2012 11:54









**CORE CONSTRUCTION, INC.**  
**DAILY CONSTRUCTION REPORT**

PROJECT: Maricopa Fire Station #572

DAY OF WEEK: Monday

PROJECT #: J12078

DATE: 9/17/2012

LOCATION 36351 W Honeycutt Road, Maricopa, AZ 85239 SUPT: Robin Sandidge

WEATHER: Clear      TEMPERATURE: 7:00 A.M. 72°      Noon 90°      3:00 P.M. 97°

COMMENTS:

**Subcontractors**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	Juarez		2	16	Continue to trench for domestic water and u/g fire line, assembling backflow preventers.				
	AJP Electric		4	32	Trenching and installing communication piping at the S.O.G.				
	Core		1	8	Project supvn.				
	Ellison Mills		1	5	Saw cutting R.O.W. curb, sidewalk and asphalt.				
	Cole Harvey (Harvey Land Surveying, Inc.)		2	4	Staked the remainder of the sewer, water and offsite utility inverts, etc.				



**CORE CONSTRUCTION, INC.**  
**DAILY CONSTRUCTION REPORT**

PROJECT: Maricopa Fire Station #572

DAY OF WEEK: Tuesday

PROJECT #: J12078

DATE: 9/18/2012

LOCATION 36351 W Honeycutt Road, Maricopa, AZ 85239

SUPT: Robin Sandidge

WEATHER: Clear      TEMPERATURE: 7:00 A.M. 71°      Noon 93°      3:00 P.M. 101°

COMMENTS:

**Subcontractors**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	Ellison Mills		2	14	Demo'd curb at the new entrances and started demo at the R.O.W. sidewalk including haul off of debris				
	Juarez		3	24	Assembling BFP's and installing fire line pipe, spent an hour this afternoon with all 3 guys helping reinstall the temp fence that E-M took down to demo curb. This help was much appreciated!				
	AJP Electric Inc. (Phoenix)		3	24	Continue to trench and install u/g rough at the s.o.g.. Raphael requested a slab rough inspection for tomorrow morning at 9:00am.				
	universal piping		3	24	Spent the entire day correcting misplaced stub outs in the slab and grouting around rings at the grease interceptor.				
	Core		1	10	Project supvn. Called in inspection requests for site fire line, grease interceptor and s.o.g. electrical and plumbing waste piping (3rd time for waste pipe due to rework of misplaces stub outs.				



**CORE CONSTRUCTION, INC.**  
**DAILY CONSTRUCTION REPORT**

PROJECT: Maricopa Fire Station #572  
PROJECT #: J12078  
LOCATION 36351 W Honeycutt Road, Maricopa, AZ 85239

DAY OF WEEK: Wednesday  
DATE: 9/19/2012

SUPT: Robin Sandidge

WEATHER: Clear      TEMPERATURE: 7:00 A.M. 75°      Noon 93°      3:00 P.M. 103°

COMMENTS:

**Subcontractors**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	Juarez		4	32	Completed install of the fire line BFP and it also passed the fire marshal inspection this morning as well as GWR (Joe B.)				
	SunValley Concr.		4	32	Started forming misc turn downs thru out the s.o.g., Spread A.B. thru-out the apparatus bay and the south half of the building. Crews returning tomorrow to complete A.B. and compaction and scheduled to pour the s.o.g. this Friday morning 9-21-12.				
	AJP Electric Inc. (Phoenix)		4	32	Completed slab rough and passed inspection, started backfilling trenches at the s.o.g.				
	universal piping		3	0	Completed backfill of the grease interceptor, installed the copper stub out for domestic water and repaired an u/g waste pipe that was inadvertently damaged by AJP.				
	E D -3		5	30	Installed all power poles and cable/guy wires. Evan (supt) said the line crews will return tomorrow to set transformers and feeders.				
	Core		1	10	Project supvn. Passed fire line inspections with Eddie Rodrigues and Joe Bosold, passed all MEP slab rough with Dave N. Scheduled RAMM and C.O.M. inspectors for tomorrow afternoon to inspect the slab prep prior to Friday morning pour. I also ....				
	Ellison Mills		2	14	Continued to demo and haul off sidewalk. Completed all demo except the 2' band of asphalt at the two entrances.				



**CORE CONSTRUCTION, INC.**  
**DAILY CONSTRUCTION REPORT**

PROJECT: Maricopa Fire Station #572  
PROJECT #: J12078  
LOCATION 36351 W Honeycutt Road, Maricopa, AZ 85239

DAY OF WEEK: Thursday  
DATE: 9/20/2012

SUPT: Robin Sandidge

WEATHER: Clear      TEMPERATURE: 7:00 A.M. 75°      Noon 94°      3:00 P.M. 103°

**COMMENTS:**

**Subcontractors**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	E D -3		4	24	Completed install of power poles, guy wires and transformers.				
	Juarez		3	24	Installed domestic water to the building and started backfilling trench. Joe B. (GWR) inspected the pipe wrap and u/g construction of the BFP's.				
	SunValley Concr.		4	32	Continue to spread AB and forming misc turn downs, making corrections to mis-formed stem walls and trying to smooth the top of stem walls for wood framing to attach. Scheduled to pour the big slab tomorrow morning at 8:00am.				
	AJP Electric Inc. (Phoenix)		3	24	Completed all u/g slab rough including slab rough at the apparatus bay.				
	universal piping		2	14	Continue to find errors in slab rough piping and making corrections, boxing out misc floor drains prior to concrete pour tomorrow morning.				
	Core		1	10	Supvn. I called Mike Nyberg (TLCP) to inform him of the concrete pour tomorrow, he said he didnt need to witness beacause there was no reinforcement steel in the building slab. Mike N. said he will review the apparatus bay s.o.g. priuor to....				

PROJECT: Maricopa Fire Station #572

DAY OF WEEK: Thursday

PROJECT #: J12078

DATE: 9/20/2012

**Subcontractors (Cont.)**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	Core		0	0	...pour due to the slab having a rebar mat. C.O.M. inspector Dave N. was on site at 1:45pm to inspect the slab prep, he passed it and said the slab was ready to pour. Scheduled RAMM for tomorrow mornings concrete pour. Scheduled S.O.S. for termite..				
	Core		0	0	... treatment tonight and prior to tomorrows slab pour. Called Mike M. (T Bar H) to assure he was still on schedule to start framing walls this coming Monday morning, Mike said crews and the lumber package will be on site at 6:00am.				
	Spectrum Mechanical		2	2	General Supt. (Bob Netzley) and foreman (Lance Smith) visited the jobsite this morning at 10:00am to walk the site and go over project and schedule requirements. I informed them that their scope started 1st week of Oct. They agreed to dura's /start.				
	Maricopa Fire Dept.		1	1	Eddie Rodrigues was on site this morning at 11:00am to inspect the entire u/g fire line, he passed everything.				
	RAMM		1	1	David was on site at 1:30pm to test A.B. density. All compaction was at 98% or better.				



**CORE CONSTRUCTION, INC.**  
**DAILY CONSTRUCTION REPORT**

PROJECT: Maricopa Fire Station #572

DAY OF WEEK: Friday

PROJECT #: J12078

DATE: 9/21/2012

LOCATION 36351 W Honeycutt Road, Maricopa, AZ 85239

SUPT: Robin Sandidge

WEATHER: Clear      TEMPERATURE: 7:00 A.M. 76°      Noon 99°      3:00 P.M. 106°

COMMENTS:


















**Subcontractors**

Building or Area	Name Of Sub.	Subcontractor Suppliers or Subcontractors	No. Of Men On Site	Total Man Hours	Today's Activities /QC Followup	Safety	Quality	Schedule	Comments
	RAMM		1	3	On site this morning to take cylinder samples of the s.o.g. concrete. Concrete was scheduled to start at 8:00am but didnt arrive until 9:45am. Davis (RAMM) stayed and got all required cylinders				
	Juarez		2	16	Continue to backfill fire line and fire line BFP, left the trench open near the BFP and domestic BFP until direction is given to proceed with added landscape BFP.				
	SunValley Concr.		7	56	Concrete scheduled for 8:00am was late, arrived at 9:45. Crews poured everything but the apparatus bay, curing compound was applied and saw joints were cut by 3:00pm. Total 60yds of concrete. I directed Robert O. (SVC) to apply a....				
	SunValley Concr.		0	0	...light broom finish to the Patio s.o.g.				
	AJP Electric Inc. (Phoenix)		0	0	Not on site today. AJP employees from the CAC project down the road arrived at 12:00pm to pick up their backhoe, drove it down the road to the CAC project				
	universal piping		2	8	Monitoring the concrete pour, left the site at 10:00am				
	Core		1	8	Project Supvn				



Maricopa Fire Station #572

ID	Task Name	Duration	Start	Finish	23, '12							Sep 30, '12							Oct 7, '12						
					M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	3 Week Look Ahead	20 days	Mon 9/24/12	Fri 10/19/12																					
2	Site Utilities	8 days	Mon 9/24/12	Wed 10/3/12	Site Utilities																				
3	Frame Walls & Sheathing	15 days	Mon 9/24/12	Fri 10/12/12	Frame Walls & Sheathing																				
4	MP&E Wall & O/H Rough	10 days	Mon 10/8/12	Fri 10/19/12	MP&E Wall & O/H Rough																				

Date: Tue 9/25/12	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	